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Total Number of Pages in This Submission

166

Application Number

10/772,225

Filing Date

02/04/2004

First Named Inventor

Chen

Art Unit

2128

Examiner Name

Attorney Docket Number

SC-03-02

ENCLOSURES (Check all that apply)

- | | | |
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| <input type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance Communication to TC |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Amendment/Reply | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
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Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

Groover & Holmes

Signature

Printed name

N. Elizabeth Pham

Date

11/23/2004

Reg. No.

49,042

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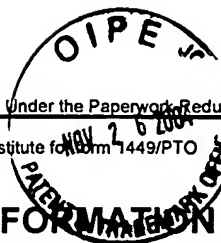
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Substitute for Form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

| | | | | | |
|-------|---|----|---|------------------------|------------|
| Sheet | 1 | of | 1 | Application Number | 10/772,225 |
| | | | | Filing Date | 02/04/2004 |
| | | | | First Named Inventor | Chen |
| | | | | Art Unit | 2128 |
| | | | | Examiner Name | |
| | | | | Attorney Docket Number | SC-03-02 |

NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|--------------------|-----------------------|---|----------------|
| | 1 | Composite Catalog of Oil Field Equipment & Services, 1966-67, Vol 3. World Oil, Houston, TX | |
| | 2 | Lecture Handouts, Rock Bit Design, Dull Grading, Selection and Application, Presented by Reed Rock Bit Company, 10/16/1980, Petex School of Drilling Engineering, University of Texas at Austin | |
| | 3 | Longer Useful Lives for Roller Bits Cuts Sharply into Drilling Costs, South African Mining & Engineering Journal, 03/1979, Vol 90. | |
| | 4 | Sworn Written Statement of Stephen Steinke and Exhibits SS-1 to SS-5, in the matter of European Patent App. No. 1 112 433 by Halliburton Energy Services Inc. and in the matter of an opposition thereto by Smith International Inc. Dated 10/13/2004. | |
| | 5 | Notice of Opposition to a European Patent (Patent No. EP 1112433 B1, Application No. 99945375.6) dated 01/14/2004 and Annex. | |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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